

6,979,346 B1.

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Doc

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

13

Attorney Docket Number

ACS 54307


## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<b>Postcard Request for Certificate of Correction</b>
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

24201

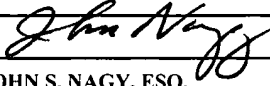
**Certificate**  
**APR 06 2006**  
**of Correction**

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	FULWIDER PATTON LLP		
Signature			
Printed name	JOHN S. NAGY, ESQ.		
Date	March 31, 2006	Reg. No.	30,664

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

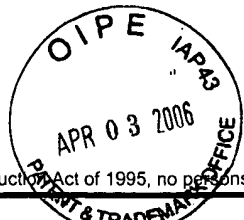
Signature			
Typed or printed name	JOHN S. NAGY, ESQ.	Date	March 31, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/17 (01-06)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R.

# FEE TRANSMITTAL for FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) \$100.00

## Complete if Known

Application Number	09/925,346
Filing Date	August 8, 2001
First Named Inventor	Syed Hossainy
Examiner Name	Bradford C. Pantuck
Art Unit	3731
Attorney Docket No.	ACS 54307

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☐ Deposit Deposit Account Number: 06-2425 Deposit Account Name: FULWIDER PATTON LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or any underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

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## FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

## 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid(\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra	Fee (\$)	Fee Paid (\$)
_____ - 20 or HP = _____	x	\$50.00	= \$0.00

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra	Fee (\$)	Fee Paid (\$)
_____ - 3 or HP = _____	x	\$200.00	= \$0.00

HP = highest number of independent claims paid for, if greater than 3.

## 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listing under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	0	/ 50 0 (round up to a whole)	x \$250.00	= \$0.00

## 4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Certificate of Correction

\$100.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	30,664	Telephone	(310) 824-5555
Name (Print/Type)	JOHN S. NAGY			Date	March 31, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R.

# FEE TRANSMITTAL for FY 2006

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

\$100.00

## Complete if Known

Application Number 09/925,346  
Filing Date August 8, 2001  
First Named Inventor Syed Hossainy  
Examiner Name Bradford C. Pantuck  
Art Unit 3731  
Attorney Docket No. ACS 54307

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☐ Deposit Deposit Account Number: 06-2425 Deposit Account Name: FULWIDER PATTON LLP

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☒ Charge any additional fee(s) or any underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

## 2. EXCESS CLAIM FEES

<u>Fee Description</u>		<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>
Each claim over 20 (including Reissues)		50	25
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Multiple dependent claims		360	180
		<u>Multiple Dependent Claims</u>	
<u>Total Claims</u>	<u>Extra</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>

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Indep. Claims	Extra	Fee (\$)	Fee Paid (\$)
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Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	0	/ 50 0 (round up to a whole)	x \$250.00	= \$0.00

## 4. OTHER FEE(S)

Non-English specification, \$130 fee (no small entity discount)  
Other (e.g., late filing surcharge): Request for Certificate of Correction \$100.00

## SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	30,664	Telephone	(310) 824-5555
Name (Print/Type)	JOHN S. NAGY			Date	March 31, 2006

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APR 07 2006



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

SYED HOSSAINY ET AL.

Patent No.: 6,979,346 B1

Issued: December 27, 2005

Serial No: 09/925,046

Filed: August 8, 2001

For: SYSTEM AND METHOD FOR  
IMPROVED STENT RETENTION

Examiner: Bradford C. Pantuck

Group Art Unit: 3731

Client ID/Matter No: ACS 54307 (2256P)

March 30, 2006  
Los Angeles, California

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Correction Department  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

04/04/2006 SDENB0B1 00000015 6979346  
01 FC:1811 100.00 0P

Dear Sir:

The above-identified patent has been found to have the errors set forth in the enclosed Certificate of Correction. It is requested that this Certificate of Correction be issued and returned to us. Since these errors occurred in the final printing phase of the patent and in the final application, a check in the amount of \$100.00 is enclosed to cover the necessary fees. If any additional fees are needed, please charge Deposit Account No. 06-2425.

APR 07 2006

The errors are verifiable in the patent application file as follows:

**ERROR**

**APPLICATION FILE**

Column 3, line 34, delete "on a surface of a" and insert --by adding--.

Application filed on August 8, 2001.  
See Attachment.

Column 3, line 63-64, delete "be come" and insert --become--.

Applicant error.

Column 6, line 34, delete "fort he" and insert --for the--.

Applicant error.

Column 10, line 19, delete "which known" and insert --which is known--.

Applicant error.

Column 12, line 7, delete "physically moved" and insert --physically be moved--.

Applicant error.

These errors occurred in good faith and correction thereof does not involve such changes in the patent as would constitute new matter or would require re-examination. It is requested that a Certificate of Correction be issued and returned to us.


Attached hereto, in duplicate, is Form PTO-1050, with at least one copy being suitable for printing.

**APR 07 2006**

A duplicate of this document is attached.

Respectfully submitted,

FULWIDER PATTON LLP

By:   
John S. Nagy  
Registration No. 30,664

JSN:ck  
Enclosures

Howard Hughes Center  
6060 Center Drive, Tenth Floor  
Los Angeles, CA 90045  
Telephone: (310) 824-5555  
Facsimile: (310) 824-9696  
Customer No. 24201

121207.1

APR 07 2006

In yet another embodiment, the roughened area is formed by adding material to the inner surface of the stent. For example, and not limited to, material may be added to the inner surface of the stent by sputtering or other means. As before, material may be sputtered onto the entire inner surface of the stent, or material may be  
5 sputtered onto selected portions of the inner surface of the stent.

In another embodiment, the roughened area is formed on a surface of a planar member of an appropriate material. The planar member may then be rolled into a tubular shape such that the surface having the roughened area forms an inner surface of the tubular shape, and a stent pattern cut into the tubular shape. Alternatively, the  
10 stent pattern may be cut into the planar member before or after the roughened area is formed on the surface of the planar member, and before or after the planar member is rolled into the tubular shape.

In yet a further embodiment, a protective material may be applied to an outer surface of a tubular body portion, or the surface of the planar member that will  
15 become an outer surface of the tubular shape, before the roughened area is formed to protect the outer surfaces from damage during formation of the roughened areas. The protective material may be removed before or after the stent pattern is cut.

In another embodiment, a coating may be applied to the inner surface of the stent after the roughened area is formed. This coating is selected to be bio-  
20 compatible and to provide reduced interaction between the roughened area of the stent and fluid flowing through a body lumen where the stent is implanted.

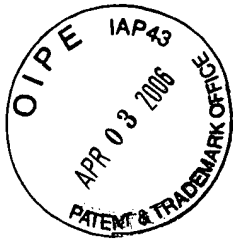
Other features and advantages of the invention will become apparent from the following detailed description, taken in conjunction with the accompanying drawings, which illustrate, by way of example, the features of the invention.

25

#### BRIEF DESCRIPTION OF THE DRAWINGS

FIGURE 1 is an elevational view, partially in section, of a stent embodying features of an embodiment of the invention which is mounted on a delivery catheter and disposed within an artery.

APR 07 2006



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of

SYED HOSSAINY ET AL.

Patent No.: 6,979,346 B1

Issued: December 27, 2005

Serial No: 09/925,046

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For: SYSTEM AND METHOD FOR  
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Examiner: Bradford C. Pantuck

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Respectfully submitted,

FULWIDER PATTON LLP

By: \_\_\_\_\_

John S. Nagy

Registration No. 30,664

JSN:ck

Enclosures

Howard Hughes Center  
6060 Center Drive, Tenth Floor  
Los Angeles, CA 90045  
Telephone: (310) 824-5555  
Facsimile: (310) 824-9696  
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APR 07 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,979,346 B1  
APPLICATION NO.: 09/925,046  
ISSUE DATE : December 27, 2005  
INVENTOR(S) : Syed Hossainy et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 3,

Line 34, delete "on a surface of a" and insert --by adding--.

Line 63-64, delete "be come" and insert --become--.

Column 6,

Line 34, delete "fort he" and insert --for the--.

Column 10,

Line 19, delete "which known" and insert --which is known--.

Column 12,

Line 7, delete "physically moved" and insert --physically be moved--.

MAILING ADDRESS OF SENDER:

**John S. Nagy**  
**Fulwider Patton Lee & Utecht LLP**  
**6060 Center Drive, 10<sup>th</sup> Floor**  
**Los Angeles, CA 90045**

This collection of information is required by 37 CFR 1.322 and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing the burden, should be sent to the Chief of Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

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